

Technology in teaching and learning English

Zahra Rezvani.¹

Abstract

‘Technology’ is one of the Keywords of our world, yet it is also one of the most confusing. In all spheres of life, technology plays an important role. Research shows that while growing up in the ever-growing technology world, the incorporation of technology helps motivate students to learn. Every language class usually uses some form of technology. For instance, Technology has been used to both help and improve language learning. In this article, we will analyse theoretically the effect of technology on Learning and also teaching English.

Keywords: Technology, Language, Learning, English, Applications, Teaching

Introduction

The use of technology has become an important part of the learning process in and out of the class. Every language class usually uses some form of technology. Technology has been used to both help and improve language learning. Technology has changed the landscape of English language teaching (ELT) and it also stimulates English students to enhance their achievement in the subject. Technology has brought significant advantages to the English language teaching and learning process, including flexibility in course content, increased motivation and engagement, and exposure to native culture.

What is technology

Technologies are becoming increasingly complicated and increasingly interconnected. Cars, aeroplanes, medical devices, financial transactions, and electricity systems all rely on more computer software than they ever have before, making them seem both harder to understand and, in some cases, harder to control. Government and corporate surveillance of individuals and information processing relies largely on digital technologies and artificial intelligence, and therefore involves less human-to-human contact than ever before and more opportunities for biases to be embedded and codified in our technological systems in ways we may not even be able to identify or recognize (Wolf, 2021). ‘Technology’ is one of the keywords of our world, yet it is also one of the most confused. As an analytical category it seems necessary for our understanding of all of humanity’s history, and indeed beyond (Schatzberg, 2020). Technology definitely changed our way of living. It has influenced different aspects of life and redefined culture. In all spheres of life, technology definitely plays an important role. In colleges, we cannot ignore the importance of technology. It became simpler for instructors to collaborate and students to acquire

¹ Bachelor’s Student of English Language Translation at Kashan University.

knowledge with the advent of computers in school. The use of technology has made the teaching and learning cycle much more fun. (Arvindhan, 2019).

Types of Technology

Information technology, consists of several interconnected parts. One of them includes techniques for rapid processing of large volumes of information, and its embodiment is a high-speed computer. The second part focuses on the application of statistical and mathematical methods to decision-making problems. It is represented by mathematical programming and operations research. The third part consists of modeling higher-order thinking using appropriate computer programs (Zhenyi, 2021). From the steam engine to electricity to the internet, technology has had a profound impact on the modern world. In the coming decade, five powerful emerging technologies are poised to fundamentally reshape societies. These technologies advanced artificial intelligence (AAI), neurotechnology, biotechnology, climate intervention technologies, and quantum computing and communication have the potential to impact the lives of billions of people around the world, for better or worse (Graabak et al., 2024).

Importance of Technology

Since the beginning of the 21st century, technology is a significant issue in numerous fields, including education. The function of technology in the realm of education has been ever altering. Recently technology has been another wonder to help inspire, motivate, and permit researchers to accomplish and dominate in manners that they have never had the option before (Murshed et al., 2020). To be aware of the ideas spreading among members of the society about the positive and negative impacts of modern technological techniques. Research and investigation have shown that people's views and ideas conflict on the positive and negative use of these techniques. On one hand, some of people emphasized the need to stay up to date with modern life, as a result of the accelerated pace of life in all aspects as a method to reduce distances, save time and effort in terms of access to information and the completion of the transactions. On the other hand, some of them believe that modern technologies have formed a severe blow to social and family system and the cause of the high incidence of divorce and they recommend the needs to impose sanctions on these technology techniques so as not to leave their children in a world of illusions and assumptions and lessen the social and family ties. The lives of individuals in single families have changed as a result of the use of modern technologies, and families cannot escape from these changes and their effects (Bani Younes & Al-Zoubi, 2015). Research shows that while growing up in the ever-growing technology world, the incorporation of technology helps motivate students to learn. Also, is an important part of students' lives. Incorporating technology into the classroom has proved to be beneficial, yet it also has some drawbacks. Technology has helped student willingness and engagement and allows for the enhancements of learning (Kaite J. Carstens et al., 2021).

Importance of English language

English language is not the Language of anyone and no one owns proprietary right over English language not even Britain neither America. To learn a second language, a physical, intellectual and emotional involvement is needed to successfully send and interpret linguistic messages. English has become the global language and it is needed by almost everyone. Regardless of your profession, English is needed for research, academic and professional advancement (Alusine Kpaka, 2024). English language proficiency indicates the levels of English learners' skills and competencies in speaking, writing, listening, and reading. Bachman defines language proficiency as "knowledge, competence, or ability in the use of a language." (Azizi, 2024).

Technology & learning or teaching English

The use of technology has become an important part of the learning process in and out of the class. Every language class usually uses some form of technology. Technology has been used to both help and improve language learning. Technology enables teachers to adapt classroom activities, thus enhancing the language learning process. Technology continues to grow in importance as a tool to help teachers facilitate language learning for their learners (Ahmadi, 2018). There are technological tools that can be utilized in language learning besides computers. Each technological tool has its specific benefits and application with one of the four language parts (speaking, listening, reading, and writing). However, to use these techniques successfully, the ELL student should be familiar with using computers and the internet and capable of interacting with these techniques (Nomass, 2013).

Conclusion

Modern technology refers to any technologies that use computers and modern communication means to obtain, transfer, restore, process and allocate information. As for English education, modern technologies such as computers and networks are now being used in classrooms for instruction in composition, literature, decoding, reading comprehension, spelling, vocabulary, grammar, usage, punctuation, capitalization, brainstorming, planning, reasoning, outlining, reference use, study skills, rhetoric, handwriting, drama, in short, for every area of language arts. Many studies conducted in recent years have indicated that modern technology can improve English teaching and learning. In general, modern technology can benefit English teaching and learning in several ways (Wang et al., 2019). Earlier English language teaching models rendered students passive knowledge recipients, hampering their pragmatic and comprehensive understanding of language's structure, meaning, and function. Technology, such as multimedia, is flexible in delivering the course content. Obviously the traditional English language teaching methods are sometimes dull and boring, especially in the ESL context. Besides, stereotyped teaching methods and environment hardly sustain learners' motivation and interest in language learning. In contrast, technology like multimedia includes visual, audio, and animation effects, which captivate students' imagination and attention (Shehab, 2022). The goal of using technology in learning English brings a strong potential to enhance learners' language skills and promote the process of learning English quickly (Kieu et al., 2021). In summary, Technology has brought significant advantages to the English language teaching and learning process, including flexibility in course content, increased motivation and engagement, and exposure to native culture.

Resources

Wolf, J. (2021). How Is Technology Changing the World, and How Should the World Change Technology? *Global Perspectives* 2 (1). Pp 1-5.

Schatzberg, E. (2020). What is technology? Technology: critical history of a concept. *Annals of science*. Vol. 77, No. 3, pp 377–382.

Arvindhan, M, (2019). A Research Paper on Modern Technology. Journal of Emerging Technologies and Innovative Research (JETIR). Vol 6, No 1. Pp 86-88.

Zhenyi, Z. (2024). Information Technologies: Concepts, Types & Functions. Vol 1, No 25. Pp 921-941

Graabak, J. Koomen, M. Reddel, M. (2024). Five Emerging Technologies to Act On Now. International Center for Future Generations (ICFG), pp 2-22.

Murshed, A. H. A., Al Sabri, M.A.S., Alasali, M.A.S. Abdu Mohammed, R. K. (2020). The Significant Role of Technology in Conducting the Academic Research, International Journal of Creative Research Thoughts (IJCRT). Volume 8, Issue 10. 1922-1927.

Bani Younes, M. Al-Zoubi, S. (2015). The Impact of Technologies on Society: A Review. Volume 20, Issue 2. PP 82-86.

Carstens, K.J., Mallon J. M., Bataineh, M. Al-Bataineh, A., (2021). Effects of Technology on Student Learning. The Turkish Online Journal of Educational Technology. Volume 20 Issue1. 105-113

Kpaka, AA. (2024). Challenges of Teaching English Language as a Second Language in Sierra Leone. Vol. 3, Issue 2, pp 45 – 63.

Azizi, E. (2024). The Role of English Language Proficiency Standards in Academic and Career Success in Iran. Proceedings of the International Conference on Teaching, Learning and Education Vol.1, Issue. 1, pp 41-51.

Ahmadi, MR (2018). The use of technology in English language learning; A literature Review. International Journal of Research in English Education.Vol.3, Issue.2. pp 115-125.

Nomass, B. (2013). The Impact of Using Technology in Teaching English as a Second Language. English Language and Literature Studies; Vol. 3, No.1.

Wang, X. Dostál, J. Aziz, A, K. (2019). Using Modern Technology to Improve English Teaching and Learning. International conference of Innovation in language learning.

Shehab, H, M. (2022). The Effect of Technology on Learning English as a Second Language. Vol. 10, No. 4, pp 474-481.

Van Lam Kieu, Dang Truc Anh, Pham D. Bao Tran, Vo T. Thanh Nga, Pham V. Phi Ho, (2021). The Effectiveness of Using Technology in Learning English. AsiaCALL Online Journal. Vol. 12, No 2. Pp. 24-40.

Solikhah, N. (2023). Impact of Technology in Teaching and Learning English as Foreign Language Journal Corner of Education, Linguistics, and Literature. Vol. 3, No.1. pp 83-91.